

CLAIMS:

1. A medical implant for implantation within a body of a recipient, the medical implant comprising a hermetically sealed housing, said housing having at least one
5 flange extending outwardly therefrom that is securable to tissue within the body of the recipient.
2. The medical implant of claim 1 wherein said at least one flange is securable to a surface of a bone within the recipient.
- 10 3. The medical implant of claim 2 wherein the implant is an implantable component of a tissue-stimulating prosthesis.
4. The medical implant of claim 3 wherein the tissue-stimulating prosthesis is a
15 cochlear implant and the implantable component is a receiver/stimulator package of such an implant.
5. The medical implant of claim 2 wherein the housing is positionable on the surface of the bone of the recipient.
- 20 6. The medical implant of claim 2 wherein the housing is positionable within a bed or well formed in the surface of the bone of the recipient.
7. The medical implant of claim 1 wherein the housing has at least two flanges
25 extending outwardly therefrom.
8. The medical implant of claim 7 wherein the housing has two flanges that extend in substantially opposite directions relative to each other.
- 30 9. The medical implant of claim 1 wherein at least one of said at least one flange extends from a first or upper surface of the housing.
10. The medical implant of claim 1 wherein at least one of said at least one flange extends from a second or lower surface of the housing.

11. The medical implant of claim 1 wherein at least one of said at least one flange extends from the housing at a location between a first or upper surface of the housing and a second or lower surface of the housing.
- 5 12. The medical implant of claim 11 wherein said at least one flange extends outwardly from a location that is approximately midway between the first and second surfaces.
- 10 13. The medical implant of claim 1 wherein a plate is mounted to the housing and said at least one flange extends outwardly from the plate.
14. The medical implant of claim 13 wherein said plate is removably or non-removably mounted to the housing.
- 15 15. The medical implant of claim 1 wherein said at least one flange is conformable to the tissue surface.
16. The medical implant of claim 15 wherein said at least one flange is formed of a malleable material.
- 20 17. The medical implant of claim 15 wherein said at least one flange has a thickness between about 0.1mm and 0.3mm.
18. The medical implant of claim 1 wherein said at least one flange is an integral extension of the housing.
- 25 19. The medical implant of claim 1 wherein said at least one flange is formed separately and mounted to the housing.
- 30 20. The medical implant of claim 1 wherein said at least one flange is removably mounted to the housing.
21. The medical implant of claim 20 wherein said at least one flange or the housing is provided with engagement means that are engageable with the housing or flange, respectively.
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22. The medical implant of claim 21 wherein the engagement means comprises one or more clips on the housing that are engageable with the flanges.

23. The medical implant of claim 1 wherein said at least one flange has one or more
5 orifices passing therethrough that are adapted to receive a tissue fixation device.

24. A medical implant for implantation within a body of a recipient, the medical implant comprising a hermetically sealed housing, said housing having at least one flange extending outwardly therefrom that is securable and conformable to tissue
10 within the body of the recipient.

25. The medical implant of claim 24 wherein said at least one flange is formed of a malleable material.